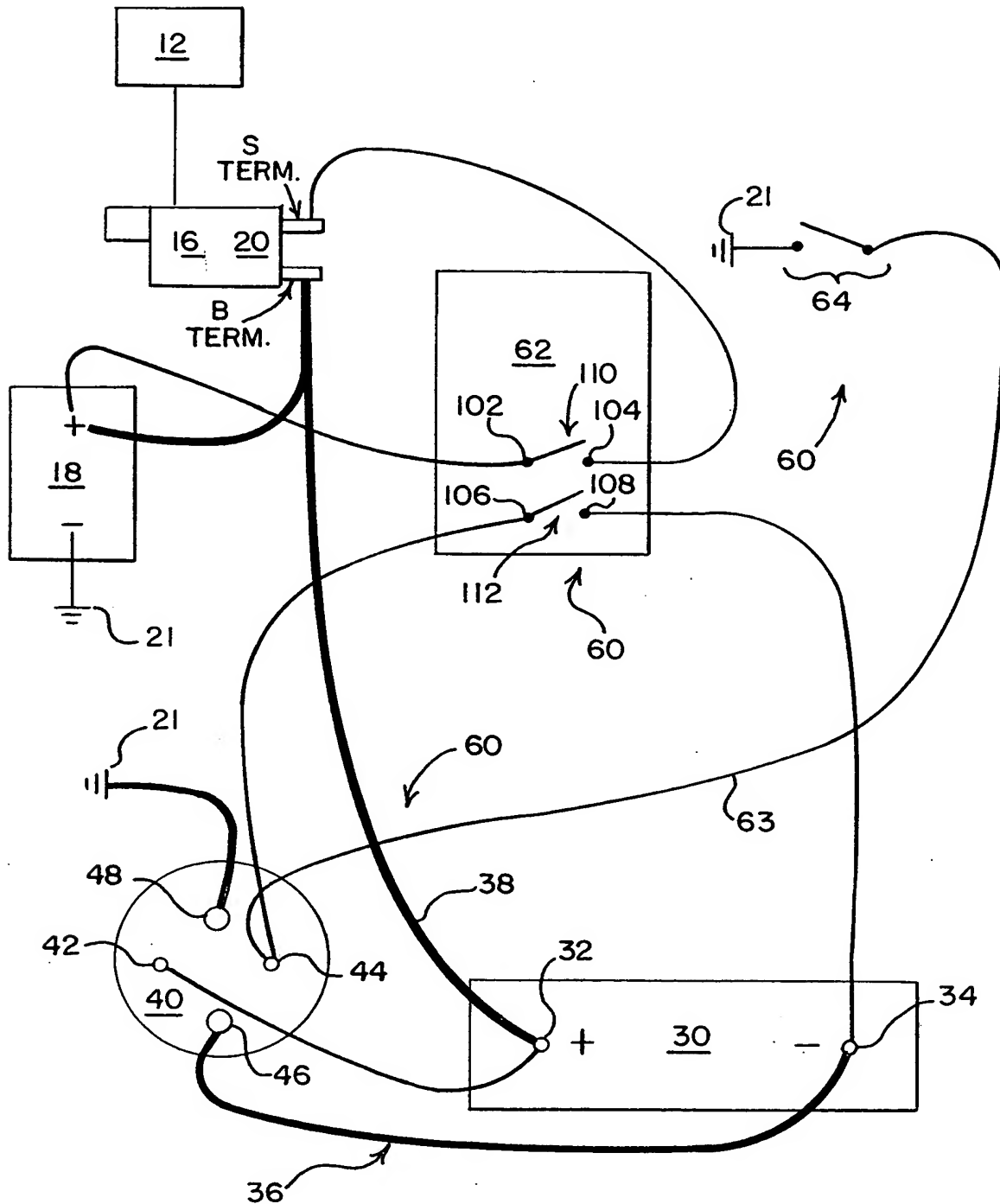


FIG. 1



The diagram illustrates a circuit for a variable capacitor. At the top, a transformer is represented by a box labeled 12, connected to a box labeled 16. Box 16 has two terminals: 'S TERM.' and 'B TERM.'. A battery, labeled 18, is connected to the 'S TERM.' terminal. The 'B TERM.' terminal is connected to a switch, labeled 21. The switch is controlled by a control circuit, labeled 60, which includes a component labeled 62. The control circuit 60 is also connected to a variable capacitor, labeled 30. The variable capacitor 30 has two terminals, 32 and 34, which are connected to the 'S TERM.' and 'B TERM.' terminals of the transformer. The variable capacitor 30 is also connected to a control circuit, labeled 36, which includes a component labeled 40. The control circuit 36 is also connected to a battery, labeled 18, which is connected to ground, labeled 21. The control circuit 36 is also connected to a switch, labeled 21, which is controlled by a control circuit, labeled 60, which includes a component labeled 62. The control circuit 60 is also connected to a variable capacitor, labeled 30, which has two terminals, 32 and 34, connected to the 'S TERM.' and 'B TERM.' terminals of the transformer. The variable capacitor 30 is also connected to a control circuit, labeled 36, which includes a component labeled 40. The control circuit 36 is also connected to a battery, labeled 18, which is connected to ground, labeled 21. The control circuit 36 is also connected to a switch, labeled 21, which is controlled by a control circuit, labeled 60, which includes a component labeled 62.

FIG. 3

